454.1

DUNNING'S CLASSIFICATION OF PONDEROSA PINE.

Modified for use on Eastside Projects: (Eliminating all statements on vigor except general class vigor. Dunning says his vigor class is intended to indicate vigor of growth, growth possibilities, and silvical or seed producing possibilities and should not be confused with susceptibility to insect attacks.)

CLASS I.

Age - Young to thrifty mature.
Position - Isolated or dominant (rarely codominant)
Crown length - 65 percent or more of total height
Crown width - average or wider
Top form - pointed
Bark - Dark brown, roughly fissured into ridges or small plates
Whorls - Still distinct except in lower crown
Branches - Horizontal or curving upward except at base of crown
Class vigor - Generally good

CLASS II.

Age - Young to thrifty mature
Position - Usually codominant (rarely isolated or dominant)
Crown length - Less than 65 percent of total height
Crown width - Average to narrower
Top form - Pointed
Bark - Dark brown, roughly fissured into ridges or small plates
Whorls - Still distinct except in lower crown
Branches - Horizontal or curving upward except at base of crown
Class vigor - Generally moderate or good

CLASS III.

Age - Mature
Position - Isolated or dominant (rarely codominant)
Crown length - 65 percent or more of total height
Crown width - Average or wider
Top form - Round
Bark - Light brown or yellow with moderately large smooth plates
Whorls - Indistinct nodes, incomplete whorls
Branches - Nearly all horizontal or drooping
Class vigor - Generally moderate

CLASS IV.

Age - Mature
Position - Usually codominant (rarely isolated or dominant)
Crown length - Less than 65 percent of the total height
Crown width - Average or narrower

CLASS IV (continued).

Top form - Round
Bark - Light brown or yellow, with moderate sized plates
Whorls - Indistinct nodes, incomplete whorls
Branches - Nearly all horizontal or drooping
Class vigor - Generally moderate to poor

CLASS V.

Age - Overmature
Position - Isolated or dominant (rarely codominant)
Crown length - Any
Crown width - Any
Top form - Flat
Bark - Light yellow, plates often very wide, long, smooth
Whorls - Nearly all indistinct and incomplete
Branches - Drooping, gnarled or crooked
Class vigor - Generally poor

CLASS VI.

Age - Young or thrifty mature
Position - Intermediate or suppressed
Crown length - Any length or width, usually small
Top form - Round or pointed
Bark - Dark brown, roughly fissured into ridges
Whorls - Evident though internodes are short
Branches - Top branches usually upward curving
Class vigor - Generally moderate to poor

CLASS VII.

Age - Mature or overmature
Position - Intermediate or suppressed
Crown - Any length or width, usually small
Top form - Flat
Bark - Light in color, thin, usually fairly smooth
Whorls - Not evident and incomplete
Branches - Few present, gnarled or drooping
Class vigor - Generally poor

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